

100

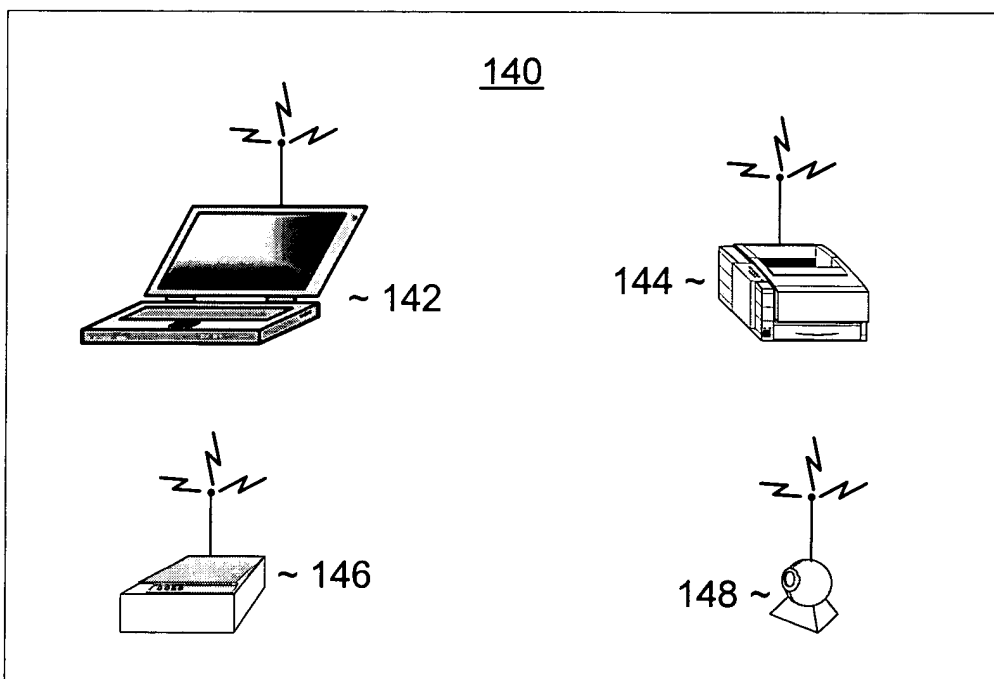


FIG. 1



FIG. 2

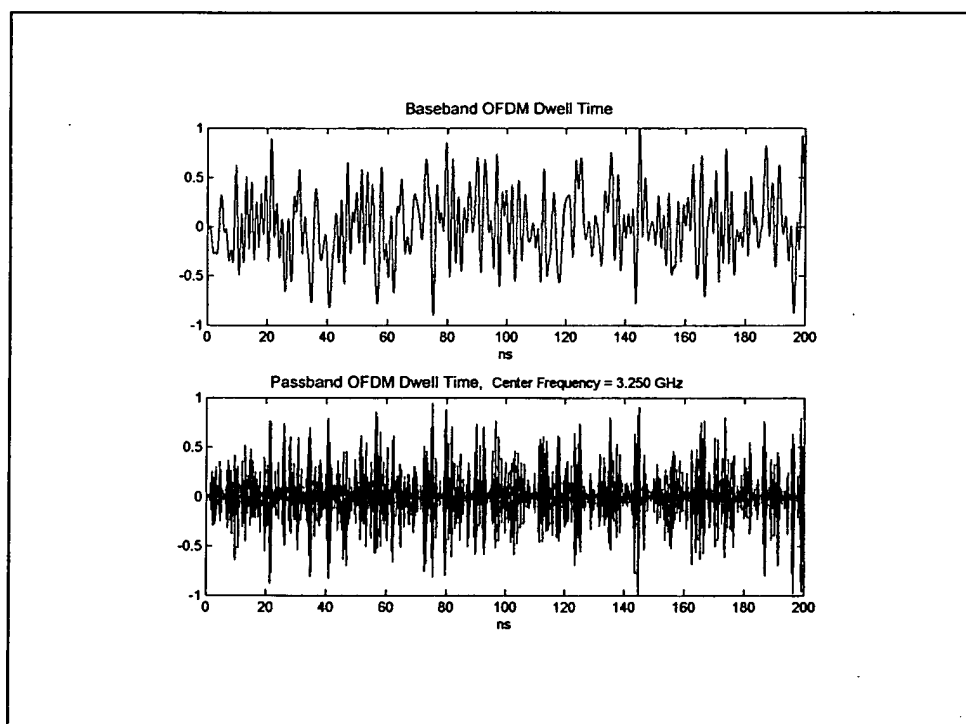


FIG. 3

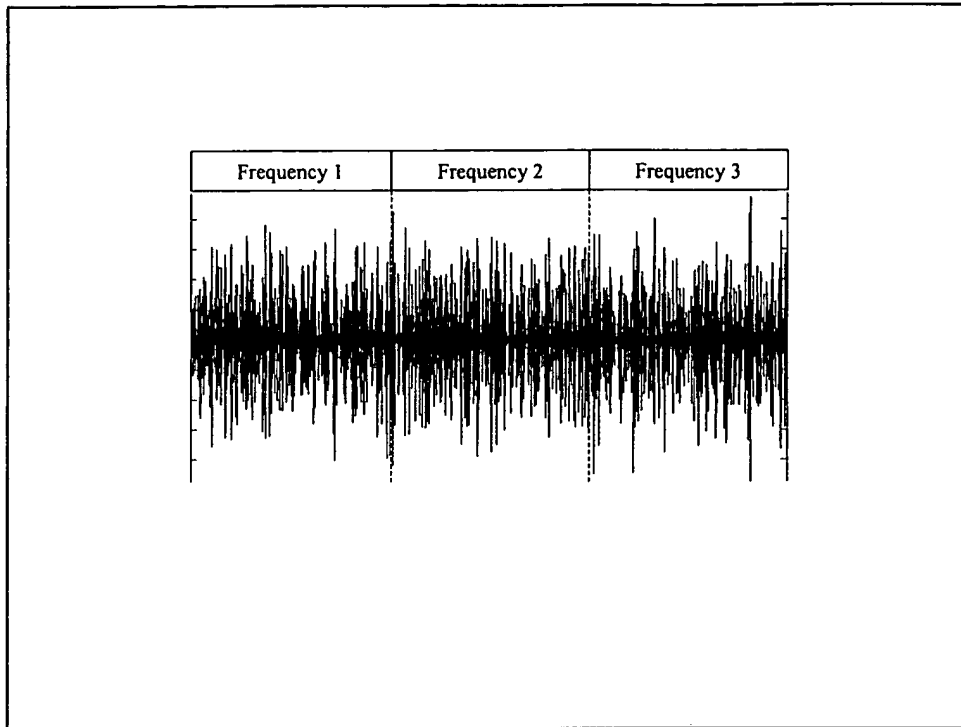


FIG. 4

Code 1	0	1	2	3	4	5	6
Code 2	0	2	4	6	1	3	5
Code 3	0	3	6	2	5	1	4
Code 4	0	4	1	5	2	6	3
Code 5	0	5	3	1	6	4	2
Code 6	0	6	5	4	3	2	1
	t0	t1	t2	t3	t4	t5	t6

FIG. 5

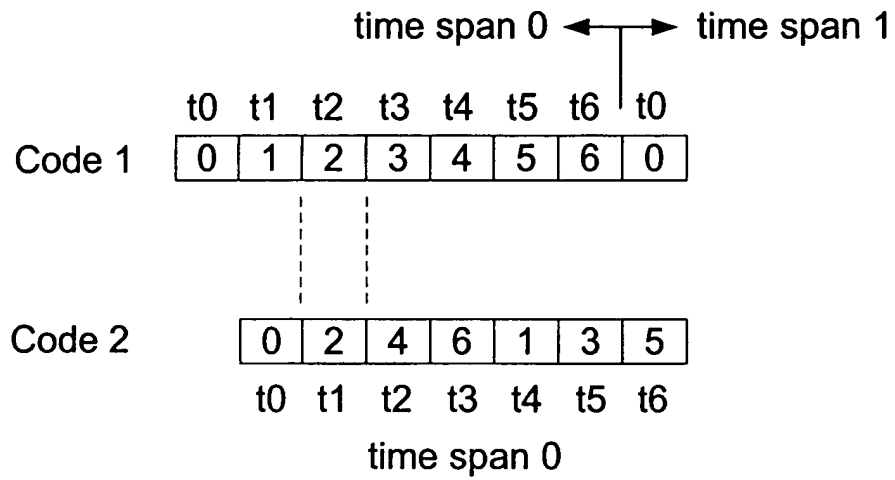


FIG. 6

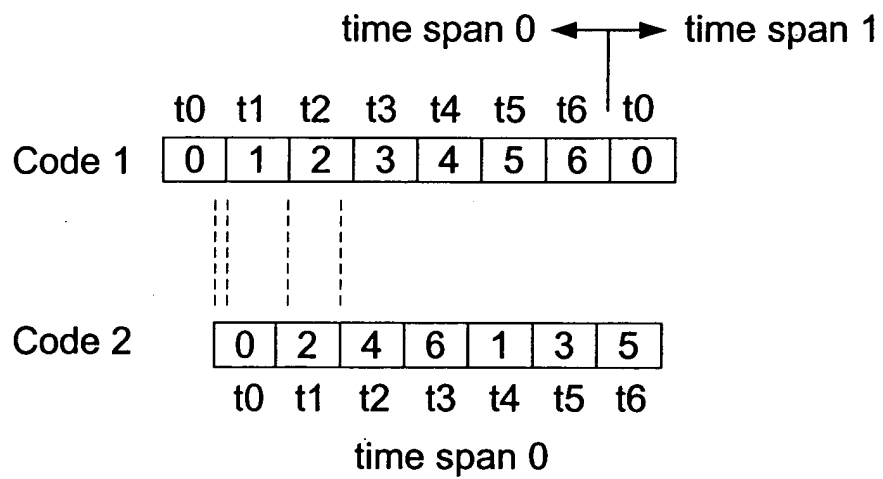


FIG. 7

Code 1	0	1	2	3	4	5	6
Code 2	0	2	4	6	1	3	5
Code 3	0	3	6	2	5	1	4
Code 4	0	4	1	5	2	6	3
Code 5	0	5	3	1	6	4	2
Code 6	0	6	5	4	3	2	1
	t0	t1	t2	t3	t4	t5	t6

FIG. 8

Code 1	0	1	2	3	4	5	6
Code 2	0	2	4	6	1	3	5
Code 3	0	3	6	2	5	1	4
Code 4	0	4	1	5	2	6	3
Code 5	0	5	3	1	6	4	2
Code 6	0	6	5	4	3	2	1
	t0	t1	t2	t3	t4	t5	t6

FIG. 9

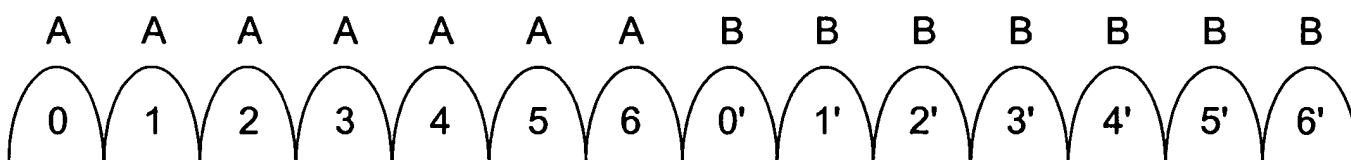


FIG. 10

Code 1	0	1	2	3	4	5	6	0'	1'	2'	3'	4'	5'	6'
Code 2	0	2	4	6	1	3	5	0'	2'	4'	6'	1'	3'	5'
Code 3	0	3	6	2	5	1	4	0'	3'	6'	2'	5'	1'	4'
Code 4	0	4	1	5	2	6	3	0'	4'	1'	5'	2'	6'	3'
Code 5	0	5	3	1	6	4	2	0'	5'	3'	1'	6'	4'	2'
Code 6	0	6	5	4	3	2	1	0'	6'	5'	4'	3'	2'	1'
	t0	t1	t2	t3	t4	t5	t6	t0'	t1'	t2'	t3'	t4'	t5'	t6'

FIG. 11

Code 1	0	1	2	3	4	5	6	0'	1'	2'	3'	4'	5'	6'
Code 2	0	2	4	6	1	3	5	0'	2'	4'	6'	1'	3'	5'
Code 3	0	3	6	2	5	1	4	0'	3'	6'	2'	5'	1'	4'
Code 4	0	4	1	5	2	6	3	0'	4'	1'	5'	2'	6'	3'
Code 5	0	5	3	1	6	4	2	0'	5'	3'	1'	6'	4'	2'
Code 6	0	6	5	4	3	2	1	0'	6'	5'	4'	3'	2'	1'
	t0	t1	t2	t3	t4	t5	t6	t0'	t1'	t2'	t3'	t4'	t5'	t6'

FIG. 12

Code 1	0	1	2	3	4	5	6	0'	1'	2'	3'	4'	5'	6'
Code 2	0	2	4	6	1	3	5	0'	2'	4'	6'	1'	3'	5'
Code 3	0	3	6	2	5	1	4	0'	3'	6'	2'	5'	1'	4'
Code 4	0	4	1	5	2	6	3	0'	4'	1'	5'	2'	6'	3'
Code 5	0	5	3	1	6	4	2	0'	5'	3'	1'	6'	4'	2'
Code 6	0	6	5	4	3	2	1	0'	6'	5'	4'	3'	2'	1'
	t0	t1	t2	t3	t4	t5	t6	t0'	t1'	t2'	t3'	t4'	t5'	t6'

FIG. 13

0	1	2	3	4	5	6
t0	t1	t2	t3	t4	t5	t6

FIG. 14

0	1	2	3	4	5	0
t0	t1	t2	t3	t4	t5	t6

FIG. 15

0	1	2	0	1	2	0
t0	t1	t2	t3	t4	t5	t6

FIG. 16

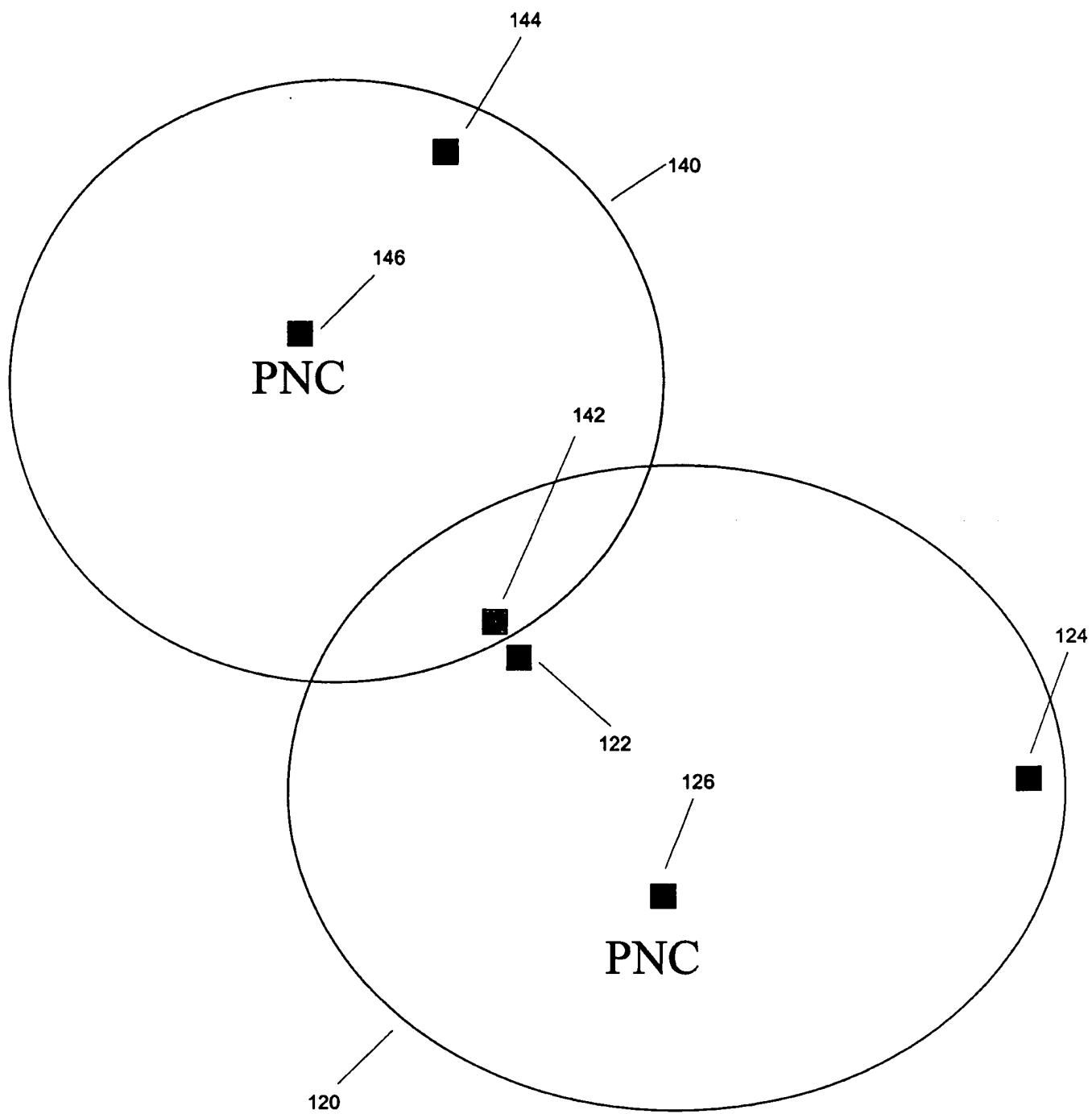


FIGURE 17

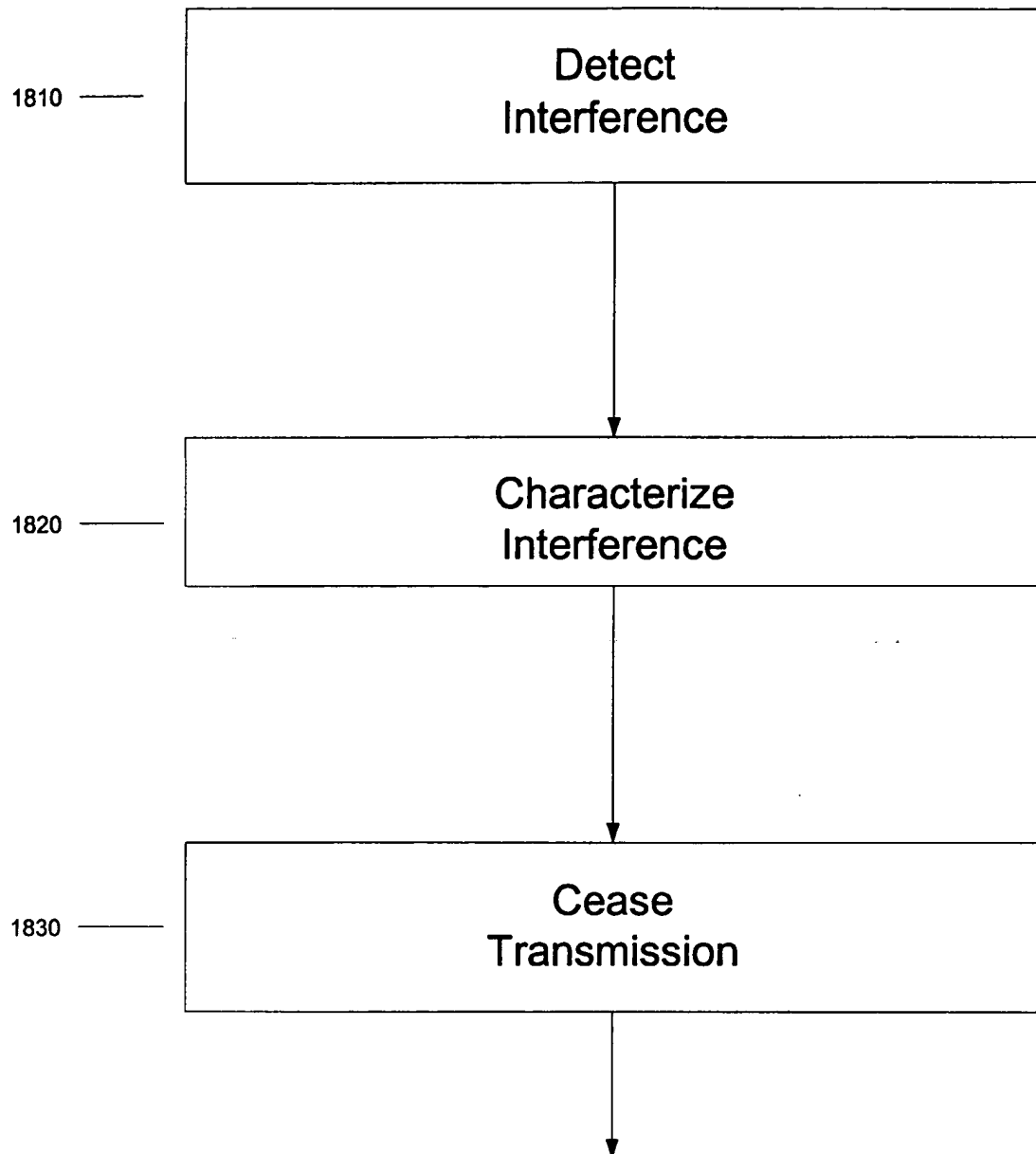


FIGURE 18

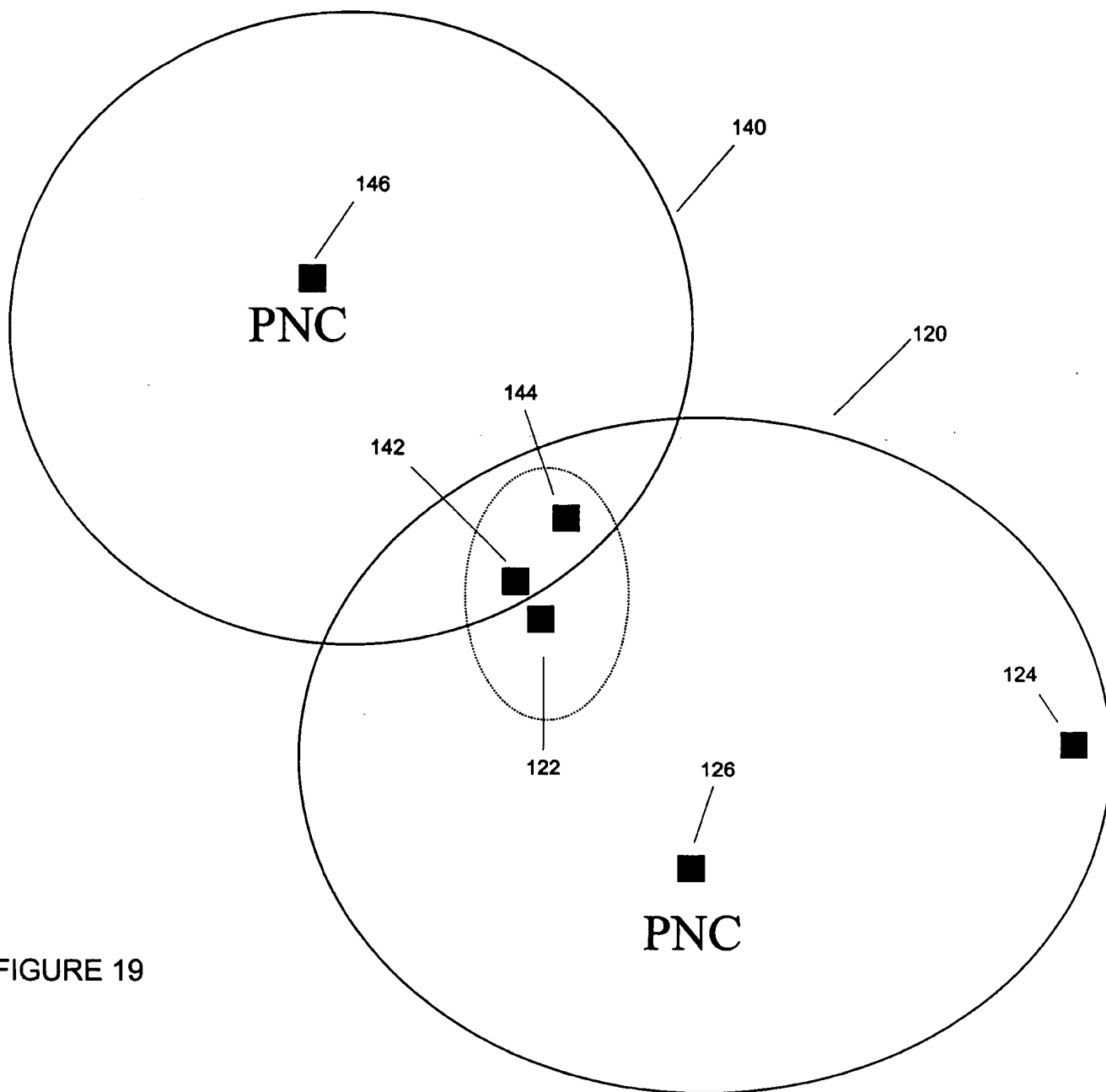


FIGURE 19

1510-Mode 1 – only 1 piconet
 (All 7 bands are used)



1520-Mode 2 – 2 piconets
 (Upon detection of interference,
 existing piconet gives up bands 2,3 &5)



1530-Mode 3 – 3 pico-nets
 (Upon detection of additional interference,
 1'st incumbent gives up bands 4&7,
 2'nd incumbent gives up band 3
 and acquires band 7)



Mode 4 – 4 pico-nets
 (Upon detection of additional
 interference,
 1'st incumbent gives up band 6,
 2'nd incumbent gives up band 5,
 3'rd incumbent gives up band 4,
 and acquires band 6)



FIGURE 20

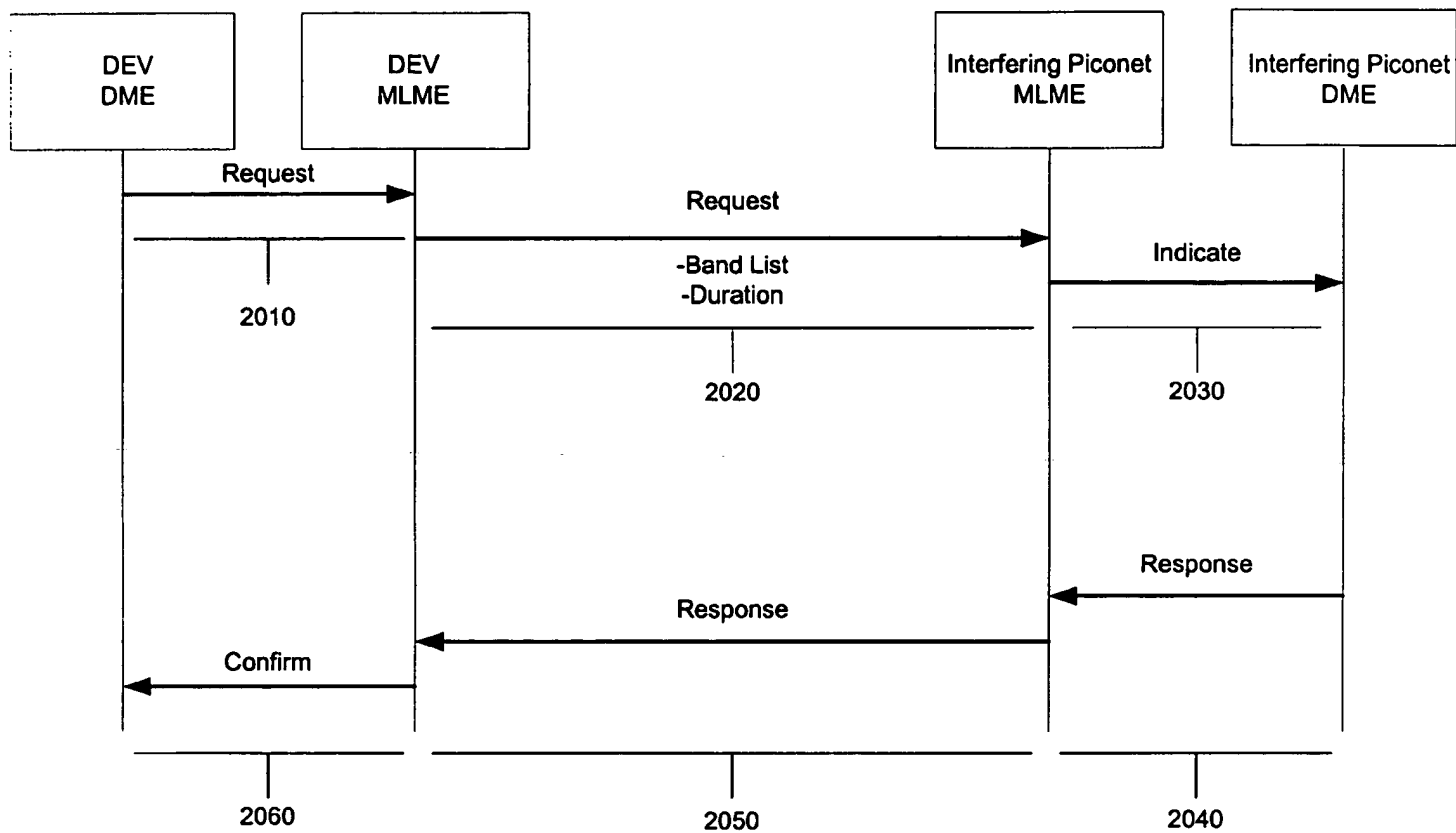


FIGURE 21

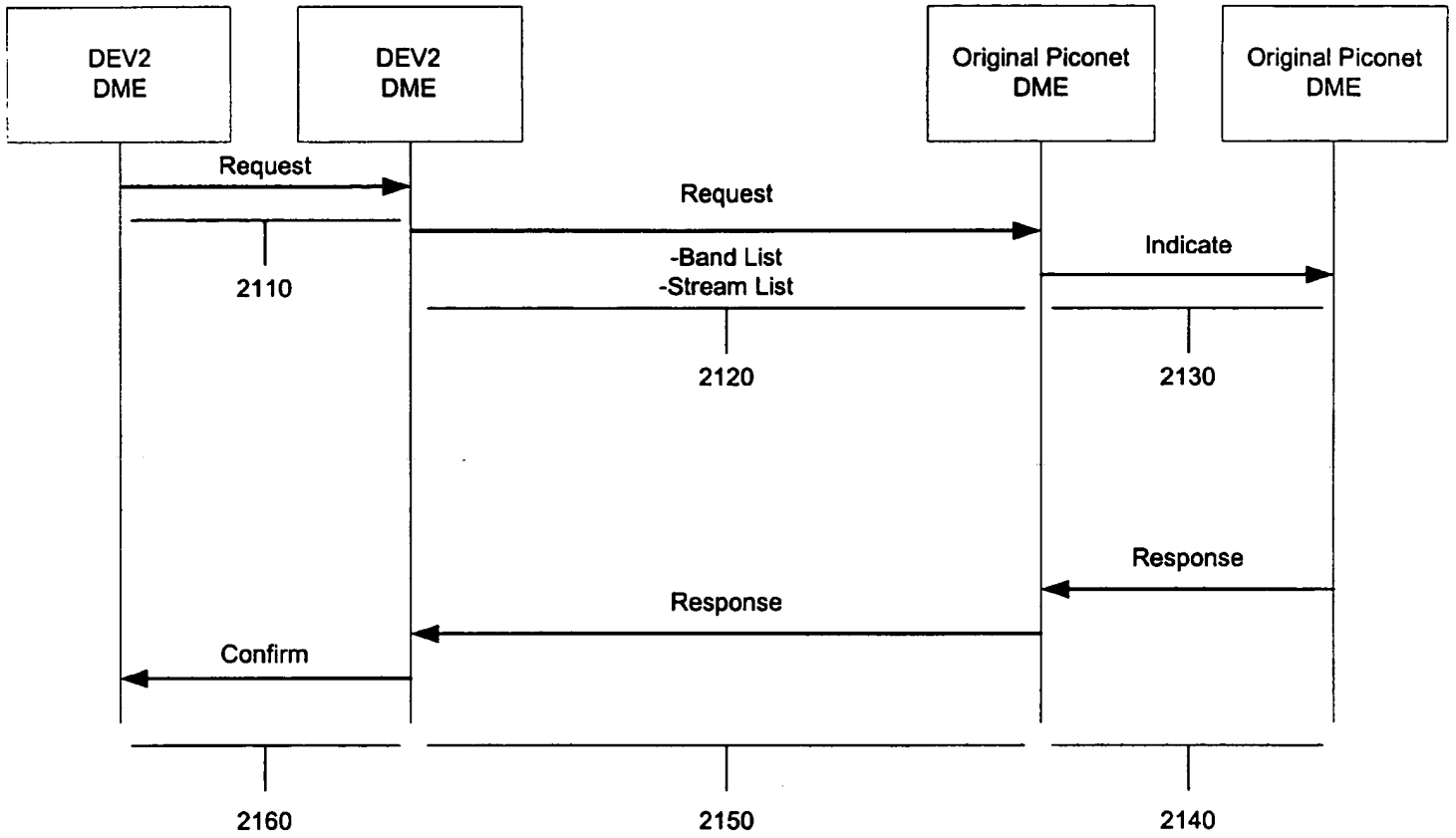


FIGURE 22

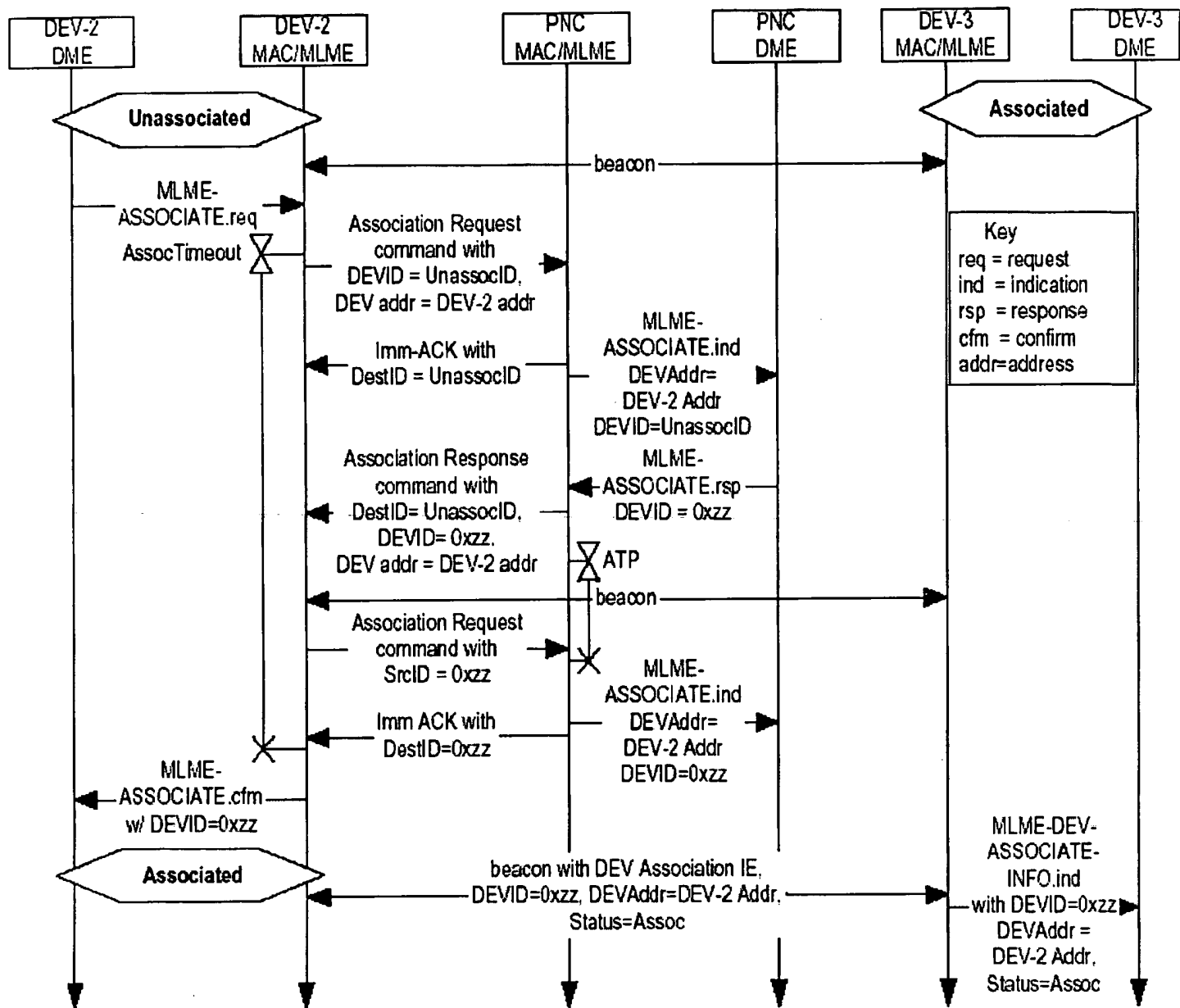


FIGURE 23

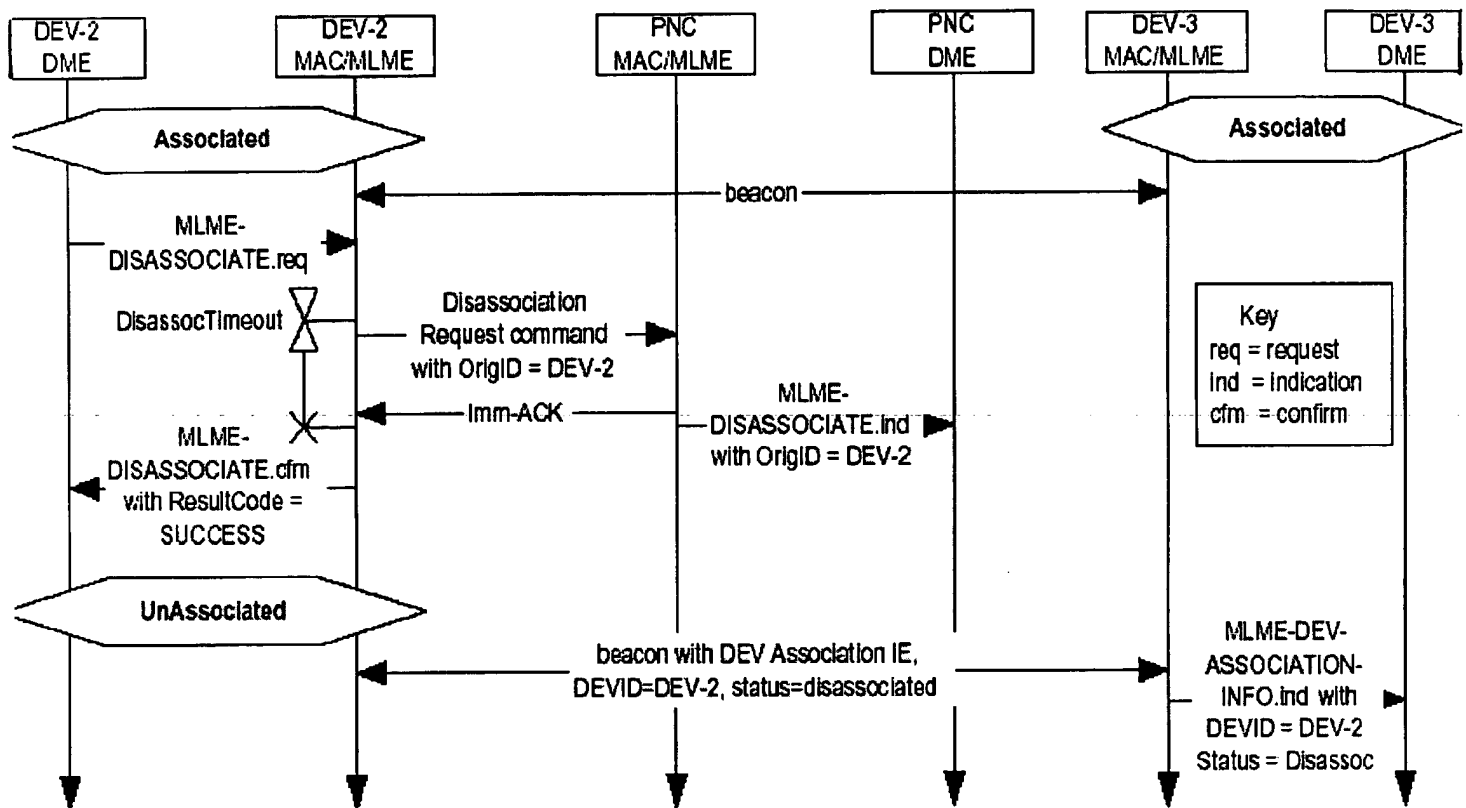


FIGURE 24